Connecticut

Science and Engineering Profile

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 1999[1]	9,470	518,670	19	Total R&D performance, 1999 (millions)	$4,436	$231,832	15
Doctoral engineers, 1999[1]	1,320	107,100	24	Industry R&D, 1999 (millions)	$3,984	$177,171	12
S&E doctorates awarded, 2000[1]	403	25,979	22	Academic R&D, 1999 (millions)	$415	$27,038	21
of which, in life sciences	34%	26%		of which, in life sciences	77%	57%	
in social sciences	20%	16%		in engineering	7%	15%	
in physical sciences	13%	13%		in physical sciences	6%	9%	
S&E postdoctorates, 2000[1]				Public higher education current-fund			
in doctorate-granting institutions	249	41,548	31	expenditures, 1997 (millions)	$1,206	$125,236	36
S&E graduate students, 2000[1]				Number of SBIR awards, 1995-2000	627	26,424	12
in doctorate-granting institutions	5,212	435,612	27	Patents issued to state residents, 2000	1,826	85,068	14
Population, 2000 (thousands)	3,406	285,231	30	Gross state product, 1999 (billions)	$152	$9,369	22
Civilian labor force, 2000 (thousands)	1,746	142,172	28	of which, agriculture	1%	1%	
				manufacturing, mining, construction	20%	22%	
Personal income per capita, 2000	$40,870	$29,451	1	transportation, communication, utilities	6%	8%	
				wholesale and retail trade	14%	16%	
Federal spending				finance, insurance, real estate	29%	19%	
Total expenditures, 2000 (millions)	$19,517	$1,615,468	29	services	22%	21%	
R&D obligations, 1999 (millions)	$655	$73,718	24	government	8%	12%	

NOTE: Rankings and totals are based on data for the 50 States, District of Columbia, and Puerto Rico. Reliability of the estimates of industry R&D and of doctoral scientists and engineers varies by State, because the sample allocation was not based on geography. The rankings do not take into account the margin of error of estimates from sample surveys.

[1]Data on graduate students, doctoral scientists and engineers, and postdoctorates include all graduate degree (except M.D.) candidates and recipients in S&E fields, including health fields. Data on S&E doctorates awarded do not include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1999

Agency	Performer							
	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank, total
	[In thousands of dollars]							
Total, all agencies	655,191	17,883	0	309,035	305,015	16,219	7,039	24
Department of Agriculture	7,589	2,532	0	0	3,523	0	1,534	44
Department of Commerce	9,302	1,388	0	5,681	2,233	0	0	18
Department of Defense	184,089	3,620	0	170,461	7,705	2,303	0	24
Department of Energy	50,895	0	0	40,087	10,808	0	0	17
Dept. of Health & Human Services	281,829	30	0	11,997	253,378	13,916	2,508	14
Department of the Interior	1,406	1,113	0	17	241	0	35	51
Department of Transportation	15,915	9,200	0	3,809	24	0	2,882	10
Environmental Protection Agency	934	0	0	660	194	0	80	33
National Aeronautics and Space Admin	76,266	0	0	73,825	2,441	0	0	12
National Science Foundation	26,966	0	0	2,498	24,468	0	0	24
State rank, total	24	46	na	18	14	24	12	na

NOTE: Federal R&D obligations are as reported by funding agencies. Ranks and totals are based on data for the 50 States, District of Columbia, and Puerto Rico.

KEY: FFRDC = federally funded research and development center; SBIR = small business innovation research; na = not applicable.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources -- see the section, "Data Sources for Science and Engineering (S&E) State Profiles".